

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



*July, 2020*

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.**

**com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

**Facebook.com/groups/galsnightnet**

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

September 26 ..... RST Tucson Fall Hamfest - Tucson  
Sunday - October 18..... Making Strides Breast Cancer - Angie, N7EMB  
October 24 ..... Copafest - Maricopa  
Saturday - Oct 31... ..... Tucson Walk to end Alzheimer - Angie, N7EMB  
November 7 ..... Chochise Hamfest - Sierra Vista  
November 14 ..... Oro Valley ARC Hamfest - Marana  
  
Jan 17-23, 2021 ..... Quartzfest - Kristyn Weed KR1SS

Did you know that you can see the Public Service Opportunities on [soazhamservice.net](http://soazhamservice.net)? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

### WEEKLY EAARS' NETS

**Every day:**

*Down Under Net - 4:15 am*

*Weather Net - 5:30 am*

**Sunday:**

*EAARS Net - 7:00 pm*

**Monday:**

*Gals Night Net - 7:30 pm*

**Wednesday:**

*Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,*

*Off Season, every third Wednesday of month at 7:30 pm*

**Saturday:**

*ERC (Emergency Response Communications) Net -8:45 am ,*

*2nd Saturday of the month (20-25 min duration)*



# EAARS Officers and Staff

## Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick W8YBM	1st Sunday
Angie N7EMB	2nd-4th Sunday
Chris N7JND	3rd-5th Sunday

## ARRL RADIO CONTESTS

July 2020 11-12 IARU HF World Championship

For details on all ARRL contests and for non-ARRL contests,  
visit <http://www.arrl.org/contest-calendar>

## New EAARS Members!

Paul K7SWK



# EAARS Mt Lemmon Repeater Improvement

**Project Faciliator:** Curt Laumann K7ZOO

Repeater is located at Mt. Lemmon below the Steward Observatory.

The problem to fix is the open circuit on the transmission line.

Curt Laumann K7ZOO, facilitated a project to fix the open circuit on the transmission line up on the Mt. Lemmon repeater. This project had to be put on hold due tot he extensive Big Horn Fire that has burned over 115,000+ acres (at the time of print). Once the fires have been put out and it is safe to proceed, the project will be be back in the works.



Climb team assessed the project.  
5-22-20

*This project was sent out in a pdf format to the entire membership via email. You will be able to view all that is planned for that future trip.*

**Thank you Curt for leading up this team!  
Or should I say, taking the bull by the horns!  
We, the members, appreciate all you are doing for our club! You, Craig and Dan be safe climbing the tower!**



View from the top of the tower.  
5-22-20



# A Different Kind of Field Day

As Field Day 2020 came to a close, I took a look at how different this year's Field Day was, compared to the past. With COVID-19 in full swing, there was no stopping us Hams from participating in Field Day in one form or another. The one thing I noticed, was that there were many more DELTA stations which many were ONE-DELTA. 40 & 20 meters were certainly the bands of choice for many. As I spun the dial through these bands, there were not very many open spots. I would guess this to be because more Hams were on the air, as many operated from home instead of gathering at a remote site, taking turns at the mic.

Even when I woke up in the middle of the night and tuned in, there were many stations calling CQ Field Day on 40 Meters. Again, many One-Delta stations were on the air. Many home stations were also operating digital modes. While I primarily stay on 40 & 20 phone, many friends were telling me about the high number of digital contacts they had made. That is awesome!!!

While most of us enjoy going out to our favorite remote locations and set up camp for the Field Day weekend, this year gave many of us, a chance to check our Home Stations by making many contacts for a much longer period of time. A lot of us take our Home Stations for granted as they are all properly set up. However, we can certainly find some issues with our Home Stations when operating long periods of time. So, this year certainly allowed for that.

What will Field Day 2021 hold for us? Time will tell. We can only hope that things are back to some sort of "Normal" or "New Normal" that will allow us to once again, operate in the Field without any sort of distancing.

Many HOA restricted Hams are setting up their "GO STATION" which allows them to go out and set up in remote areas and play HF. We do not need to wait for Field Day to do this. Many Hams ask me "What is the best way to operate HF in an HOA?", and I will usually respond with... "Take your station away from the HOA and setup and operate." We all want to operate HF at our homes, but there's something special about setting up HF in the field and playing radio for a day or night or weekend. And we can't forget the friend aspect of it all. There is nothing like playing radio, camping out with our friends and just having a fun time. After all, that is what it is all about!

Hope everyone had the best Field Day 2020 that they could. Here's looking forward to a great Field Day 2021.

73...

Chris - N7JND





# Dangers of a 9-Volt Battery

*Written by Chris N7JND*

We all use them. We all store them. We all throw them away. I'm talking about the standard 9-Volt Battery. Why an article on 9-Volt Batteries? Mostly, for safety reasons.

We've all handled and used the standard 9 volt battery in many items around our homes and businesses. Some 9-Volt batteries come with a little cap on the top of them for safety reasons. The 9-volt battery is one of the few batteries that has its terminals on the same side of the battery. Since the terminals are on the same side, they are prone to being shorted. Some might not realize that a 9-volt battery can produce over one amp of current for a short amount of time.

Have you ever put a brand new 9-Volt battery without a cap, into your pocket, not even thinking about it, start walking and all of a sudden... BURN FEELING? I have and it was no fun! The terminals from the battery decided to short against a quarter in my pocket and I thought I had been stung by a bee. Not Fun! Be careful when carrying 9-Volt batteries in your pocket. In fact... DON'T!!!

Another thing to think about is where you store 9 Volt batteries in your home. I have seen many 9-Volt batteries stored in the so-called Junk Drawer. There are many other items in the common junk drawer which could be metal. If this metal object happens to short across the terminals of the 9-Volt battery, it could very quickly heat up in the drawer and possibly start a fire, if flammable objects are nearby. Be very careful where you store ALL of your batteries and cells.

Speaking of 9-Volt batteries.... Here's a little trivia for you. Did you know that your standard AAA, AA, C & Ds are NOT batteries? They are cells. A battery is a group of cells. The 9-Volt battery is a group of cells in a can. Usually six in the can hooked in series. So a 9-Volt battery is a TRUE battery just like your automotive battery is a true battery as there are usually six cells.



# Radio Amateur's Call for Help Relayed from Across the Atlantic

ARRL - 06/25/2020

When Richard Tashner, N2EO, of Massapequa, New York, suffered a medical emergency on May 18, his DMR radio was closer than his phone. His call for help was answered by Maxis Johnston, GM0MRJ, who put out a call for "anyone in the states."

Kent County Amateur Radio Club member Ken Dix, KB2KBD, in Delaware heard the call on the local 146.91 MHz repeater, which was linked to the North American talk group. Dix called authorities in Tashner's vicinity, and help was dispatched.

Dix said the dispatcher in New York was able to hear part of the call and was amazed at how an amateur radio communication had gone from New York to Scotland to Delaware and then back to New York. The dispatcher expressed surprise at how quickly the information had been relayed across the Atlantic. The Delaware repeater, at the Delaware State Communications complex, is set on C4FM Fusion and linked to DMR on "America's Net." — Thanks to the ARES E-Letter via Jerry Palmer, N3KRX



The Fourth of July—also known as Independence Day or July 4th—has been a federal holiday in the United States since 1941, but the tradition of Independence Day celebrations goes back to the 18th century and the American Revolution. On July 2nd, 1776, the Continental Congress voted in favor of independence, and two days later delegates from the 13 colonies adopted the Declaration of Independence, a historic document drafted by Thomas Jefferson. From 1776 to the present day, July 4th has been celebrated as the birth of American independence, with festivities ranging from fireworks, parades and concerts to more casual family gatherings and barbecues.

*The EAARS officers and staff would like to wish you and yours a very safe and proud 4th of July! Tucson has been shut down for fireworks due the dryness of our land but we are still proud! Be Safe All!*



# Other Club Stuff

RST holds FREE VE testing on the following dates, 7:00 pm at Hardesty Mid- Town Police Building, 1100 S Alvernon, Tucson.

July 13

August 10

September 14

October 12

November 9

December 14

Due to the health and welfare of our amateur ham radio community, all events have been cancelled or postponed, until further notice, due to the current pandemic we are all experiencing!

Please check with your club to see if the event will be rescheduled. I will try to keep us updated.

**Please keep yourself and your family safe! This pandemic may last a few months! Prayers to all!**

**If you live in the Graham or Greenlee County and are interested in a VE Testing session, please feel free to contact the EAARS President, Dave Well @ 928-965-8327.**

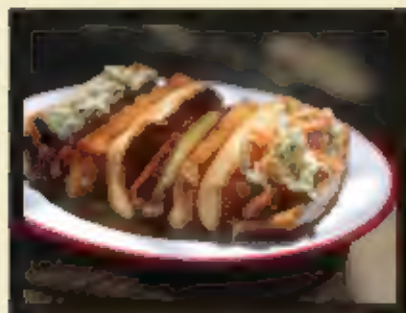
**Do you have any club news to share?  
It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**



Cooking up  
Some Magic



# Split Hot Dogs with Butter-Toasted Buns and Homemade Toppings



## Ingredients

### Sweet Honey Mustard:

1/2 cup Dijon mustard  
1/4 cup honey  
2 teaspoons rice wine vinegar

### Avocado Relish:

1 cup Mexican crema  
1 teaspoon Sriracha  
1 avocado, diced

### Buttermilk Ranch Slaw:

1/2 cup shredded carrots  
1 tablespoon chopped fresh parsley  
2 teaspoons chopped fresh dill  
1/4 head green cabbage, thinly sliced  
1/3 cup mayonnaise  
1/4 cup buttermilk  
1 1/2 teaspoons fresh lemon juice  
1 teaspoon Dijon mustard  
1/2 teaspoon onion powder  
Kosher salt and ground black pepper

### Hot Dogs:

8 hot dogs  
1 stick unsalted butter, melted  
8 hot dog buns

Level: Easy  
Total: 30 min  
Active: 30 min  
Yield: 4 servings

Recipe courtesy of  
Daphne Brogdon and  
Food Network

## Directions

1. For the honey mustard: Whisk together the mustard, honey and vinegar in a medium mixing bowl.
2. For the relish: In a medium bowl, whisk together the crema and Sriracha. Gently stir in the avocado with a rubber spatula.
3. For the slaw: Place the carrots, parsley, dill and cabbage in a large mixing bowl. In a small bowl, whisk together the mayonnaise, buttermilk, lemon juice, mustard and onion powder. Season with salt and pepper, and then add the dressing to the cabbage mixture. Toss to coat.
4. For the hot dogs: Preheat a grill over medium heat.
5. Halve the hot dogs lengthwise, making sure to not slice all the way through. Place the hot dogs cut-side down and grill until browned and slightly charred, about 4 minutes per side.
6. Brush the melted butter on the inside of the buns. Grill the buns buttered-side down until lightly browned, 2 to 3 minutes.
7. Place the hot dogs in the toasted buns and serve with the honey mustard, relish and slaw.

kiss the  
cook